Addendum to the

ADJUSTMENTS and REPLACEMENTS

Adjusting the

135 PRINTED CIRCUIT BOARD

for the

3752 *Kodak Min-R* **MAMMOGRAPHY PROCESSOR**

4357 *Kodak Min-R* **MAMMOGRAPHY INTEGRATED PROCESSOR**

3554 *Kodak X-Omat* **2000 PROCESSOR**

3555 *Kodak X-Omat* **2000A PROCESSOR**

3414 *Kodak Industrex* **M35 PROCESSOR**

3415 *Kodak Industrex* **M35A PROCESSOR**

⚠ **Important**: Qualified service personnel must install this equipment.

HEALTH IMAGING

This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

Accessing the 135 Printed Circuit Board (135 PCB)

Warning:
Dangerous Voltage

1. De-energize and disconnect the main power from the PROCESSOR.
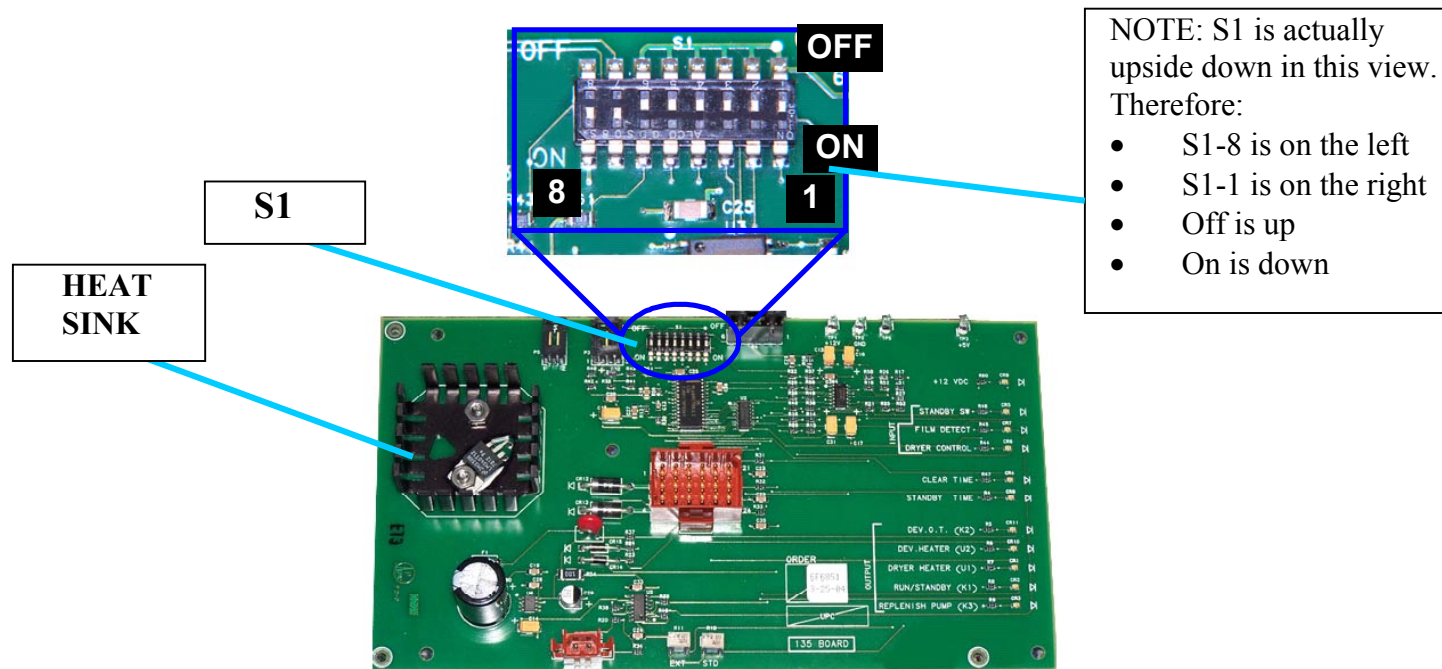
2. Access the ELECTRICAL BOX

Setting the S1 DIP SWITCHES

1. For normal factory settings (recommended), Set the S1 DIP SWITCHES according to the table below:

⚠ Important

Power to the PROCESSOR must always be OFF when setting the S1 DIP SWITCHES

OFF **ON** **S1** **8** **1**

HEAT SINK

NOTE: S1 is actually upside down in this view. Therefore:
- S1-8 is on the left
- S1-1 is on the right
- Off is up
- On is down

Factory DIP Switch Settings

Switch Positions:		8	7	6	5	4	3	2	1
PROCESSOR	DIP Switch Positions As Viewed on 135 Board (See Photo Above)	Dryer Temp. Range	Dryer Temp. Range	Film Feed Delay Buzzer	Flooded Replenishment	Clear Time	Clear Time	Clear Time	Clear Time
Kodak X-Omat 2000 PROCESSOR	[OFF/ON 87654321]	On (High)	On (High)	Off (3 sec)	Off (Disabled)	On (4	On Min.	On Clear	Off Time)
Kodak X-Omat 2000A PROCESSOR	[OFF/ON 87654321]	Off (Low)	Off (Low)	Off (3 sec)	Off (Disabled)	On (4	On Min.	On Clear	Off Time)
Kodak Min-R MAMMOGRAPHY PROCESSOR	[OFF/ON 87654321]	On (High)	On (High)	Off (3 sec)	On (Enabled)	On (4	On Min.	On Clear	Off Time)
Kodak Min-R MAMMOGRAPHY INTEGRATED PROCESSOR	[OFF/ON 87654321]	On (High)	On (High)	Off (3 sec)	On (Enabled)	On (4	On Min.	On Clear	Off Time)
Kodak Industrex M35 PROCESSOR	[OFF/ON 87654321]	On (High)	On (High)	On (8 sec)	Off (Disabled)	Off (13	On Min.	Off Clear	On Time)
Kodak Industrex M35A PROCESSOR	[OFF/ON 87654321]	Off (Low)	Off (Low)	On (8 sec)	Off (Disabled)	Off (13	On Min.	Off Clear	On Time)

Setting the Flooded Replenishment Option

Important

- With the Flooded Replenishment option **Enabled**:
  - <> The REPLENISHMENT PUMPS will run each time that a film is fed.
  - <> Also, the REPLENISHMENT PUMPS will run an **additional** 20 seconds every 5 minutes.

  Note

  Flooded Replenishment times are not adjustable on the 135 PCB.

- With the Flooded Replenishment option **Disabled**:
  - <> The REPLENISHMENT PUMPS will run each time that a film is fed.

1. Verify whether Flooded Replenishment is to be used for this PROCESSOR.

2. Set the Flooded Replenishment as follows:

ENABLE	DISABLE
S1-5 to ON	S1-5 to OFF

Important

The charts below are to be used **ONLY FOR SPECIAL APPLICATIONS** where it is desired to have the PROCESSOR set to non-factory settings.
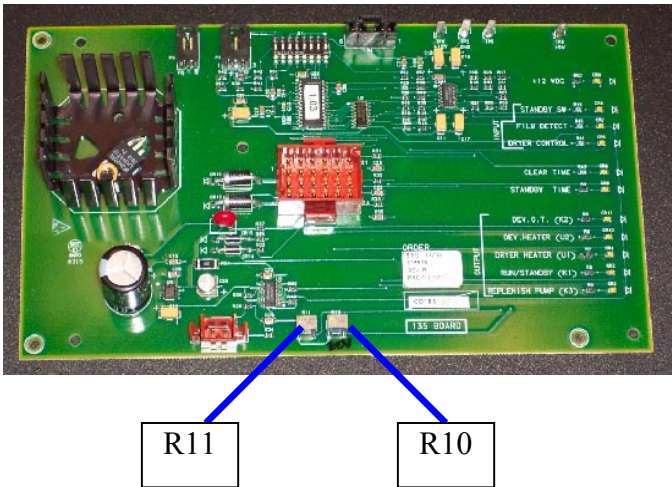
FILM FEED BUZZER DELAY TIME	S1-6
3 Seconds	OFF
8 Seconds	ON

DRYER TEMPERATURE CONTROL RANGE	S1-7	S1-8
110 to 130 degrees F	OFF	OFF
100 to 150 degrees F	ON	ON

CLEAR TIME (MINUTES)	S1-1	S1-2	S1-3	S1-4
3	ON	ON	ON	ON
4	OFF	ON	ON	ON
5	ON	OFF	ON	ON
6	OFF	OFF	ON	ON
7	ON	ON	OFF	ON
8	OFF	ON	OFF	ON
9	ON	OFF	OFF	ON
10	OFF	OFF	OFF	ON
11	ON	ON	ON	OFF
12	OFF	ON	ON	OFF
13	ON	OFF	ON	OFF
14	OFF	OFF	ON	OFF
15	ON	ON	OFF	OFF
16	OFF	ON	OFF	OFF
17	ON	OFF	OFF	OFF
18	OFF	OFF	OFF	OFF

Adjusting the DEVELOPER Temperature

1. Energize the PROCESSOR.

2. Allow the PROCESSOR to reach operating temperature.

3. Follow the instructions in the chart below for the model of PROCESSOR that you have.

R11   R10

PROCESSOR MODEL	INSTRUCTIONS
Kodak X-Omat 2000 PROCESSOR *Kodak X-Omat* 2000A PROCESSOR *Kodak Min-R* MAMMOGRAPHY PROCESSOR *Kodak Min-R* MAMMOGRAPHY INT. PROCESSOR.	• Adjust R10 to set the correct DEVELOPER temperature.
Kodak Industrex M35 PROCESSOR *Kodak Industrex* M35A PROCESSOR	• STANDARD CYCLE: Adjust R10 to set the correct DEVELOPER temperature. • EXTENDED CYCLE: Adjust R11 to set the correct DEVELOPER temperature.

Publication History

Publication Date	Publication No.	ECO No.	Changed Pages	File Name	Notes
09 JUL 04	6F9032	4014-607	New Pub	6F9032.doc	New Addendum to the Adjustments and Replacements

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HEALTH IMAGING

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